

Fig. 1

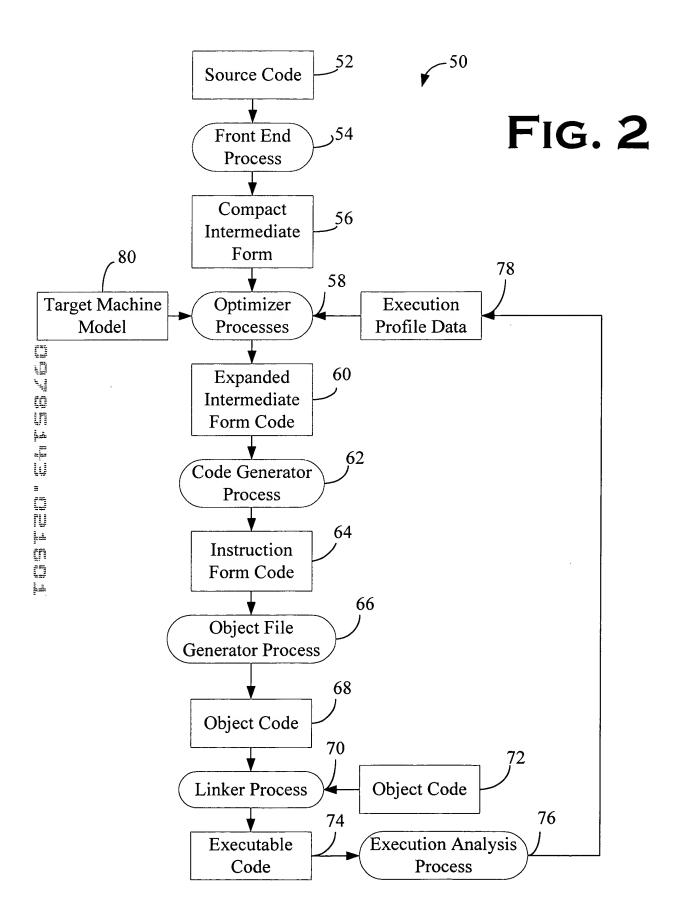


Fig 3

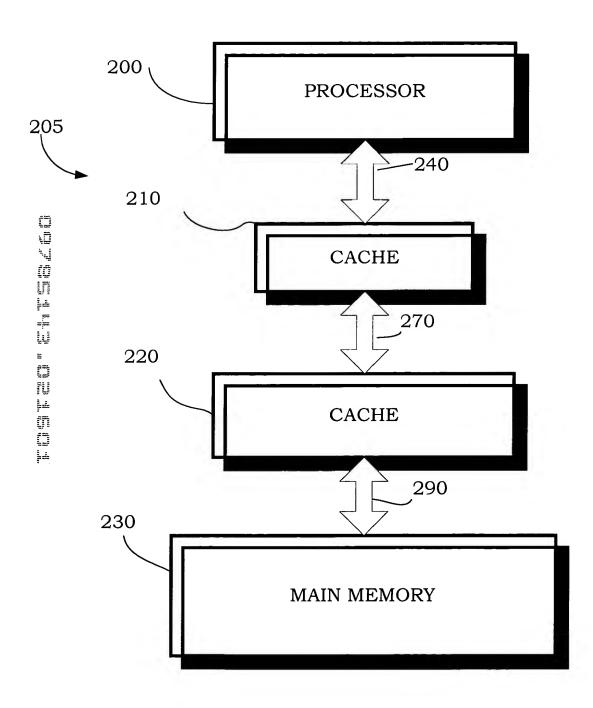


Fig 4

300 -**DETERMINE** 310 -DEPENDENCIES BETWEEN MEMORY REFERENCES WITHIN A LOOP DETERMINE VECTORIZABLE 320 **MEMORY OPERATIONS** THAT WILL BENEFIT FROM CACHE MANAGEMENT 330 DISTRIBUTE LOOP INTO A SEQUENCE OF SEPARATE, SIMPLER LOOPS 340 ALLOCATE TEMPORARY ARRAYS TO THE DISTRIBUTED LOOPS GENERATE CODE FOR THE 350 -DISTRIBUTED LOOPS 360 GENERATE SECTION LOOP